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Dominion Nuclear

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November 26, 2007

U. S. Nuclear Regulatory Commission Attention: Document Control Desk Washington, D.C. 20555

NA3-07-001 NRC Project No. 741 COL/JDH

VIRGINIA ELECTRIC AND POWER COMPANY
AND OLD DOMINION ELECTRIC COOPERATIVE
COMBINED LICENSE APPLICATION
NORTH ANNA POWER STATION UNIT 3

Pursuant to Sections 103 and 185(b) of the Atomic Energy Act, and 10 C.F.R. Part 52, Subpart C, Virginia Electric and Power Company, doing business as Dominion Virginia Power (DVP or Dominion), and Old Dominion Electric Cooperative (ODEC) hereby apply to the U.S. Nuclear Regulatory Commission for a combined license (COL) to construct and operate an ESBWR at the North Anna Power Station (NAPS) site. Dominion and ODEC also apply for such other licenses as would be required to possess and use source, special nuclear and byproduct material in connection the operation of the ESBWR. The ESBWR will be designated and hereinafter referred to as North Anna Unit 3.

Based on the projected need for power as discussed in Part 3 of the enclosed COL application, Dominion requests that NRC establish a review schedule to support a Commission decision on the application by November 2010.

A DVD containing the North Anna Unit 3 COL application is provided as Enclosure 1. Information on the enclosed DVD is organized and follows the naming convention established and presented to the NRC in the ESBWR DCWG Standardization Matrix (Enclosure 3). The North Anna COLA contains the following parts:

Part 1: General and Administrative Information

Part 2: Final Safety Analysis Report (FSAR)

Part 3: Environmental Report (ER)

Part 4: Technical Specifications (TS)

Part 5: Emergency Plan (E-Plan)

Part 6: Not Used (reserved for LWA/site redress information)

Part 7: Departures Report

Part 8: Security Plan (Safeguards Information—submitted separately)

Part 9: Not Used (originally intended for plant-specific PRA)

Part 10: Tier 1/ITAAC

D079

The North Anna COLA contains no departures from the ESBWR standard design. There are eleven variances and one exemption request (See Part 7).

Dominion has successfully performed the preflight checks and examined the PDF files contained on the DVD to ensure conformance with NRC guidelines related to electronic submittals. The DVD includes certain documents referenced in the COL application, such as the North Anna ESP Application (Rev. 9) and the public version of the ESBWR DCD (Rev. 4) that may be useful when document portability is desired. This DVD contains no information that should be withheld from the public.

A convenience copy of the DVD is provided as Enclosure 2. The convenience copy contains the COL application and the same reference documents, but includes the non-public version of ESBWR DCD Rev. 4, and is appropriately labeled. Additional copies will be provided to the NRC North Anna 3 Project Manager upon request.

Concurrent with this letter, a separate transmittal, dated November 26, 2007 (Dominion Serial No. NA3-07-002) has been submitted to NRC by Dominion that forwards Part 8 of the North Anna 3 COL application. Part 8 contains the North Anna Unit 3 Security Plan that contains Safeguards Information and should be withheld from public disclosure.

The North Anna COL application has been designated the reference COL application for the ESBWR design-centered working group (DCWG). Dominion serves as the DCWG point-of-contact.

An updated ESBWR FSAR standardization matrix is provided as Enclosure 3. Dominion has worked closely with NuStart Energy Development, LLC (NuStart), in particular Entergy and other members, to maximize the amount of standard (i.e., identical) content prepared for COL applications by ESBWR DCWG members. Dominion and NuStart (via the NuStart/Entergy Grand Gulf COLA) are committed to work closely together in support of this application to maintain the benefits of standardization for future ESBWR applicants.

Service upon the applicants of hearing requests, intervention petitions or other pleadings related to this application should be made to counsel for Dominion as follows: Lillian M. Cuoco, Senior Counsel, Dominion Resources Services, Inc., 120 Tredegar Street, RS-2. Richmond, VA 23219 (phone: 804-819-2684; e-mail: Lillian.Cuoco@dom.com; fax: 804-819-2183) and David R. Lewis, Pillsbury Winthrop Shaw Pittman, 2300 N. Street, N.W., Washington D.C. 20037 (phone: 202-663-8474; e-mail: david.lewis@pillsburylaw.com; fax: 202-663-8007).

If you have any questions or require additional information, please contact Joseph D. Hegner at 804-273-2770.

Very truly yours,

David A. Christian

### **COMMONWEALTH OF VIRGINIA**

#### COUNTY OF HENRICO

The foregoing document was acknowledged before me, in and for the County and Commonwealth aforesaid, today by David A. Christian, who is President and Chief Nuclear Officer of Virginia Electric and Power Company. He has affirmed before me that he is duly authorized to execute and file the foregoing document on behalf of the Company, and that the statements in the document are true to the best of his knowledge and belief.

Acknowledged before me this 36 h day of Nevember, 2007.

My Commission expires: Quant 31 Joos

Margarev B. Bennett Notary Public

(SEAL)

MARGARET B. BENNETT
Notary Public 354302
Commonwealth of Virginia
My Commission Expires Aug 31, 2008

### **Enclosures:**

- 1. North Anna COL Application DVD, Submission 1
- 2. North Anna COL Application DVD, Submission 1 Convenience Copy—Withhold from Public Disclosure Under 10 CFR 2.390
- 3. ESBWR Standardization Matrix

Commitments made in this letter: None

### cc with all Enclosures:

U. S. Nuclear Regulatory Commission, Region II Sam Nunn Atlanta Federal Center 61 Forsyth Street, SW Suite 23T85 Atlanta, GA 30303

Mr. J. T. Reece NRC Senior Resident Inspector North Anna Power Station

Mr. Thomas Kevern U. S. Nuclear Regulatory Commission Washington, D.C. 20555

Mr. Mark Campagna GE-Hitachi Nuclear Energy, LLC Castle Hayne Rd, PO Box 780 Wilmington, NC 28401

### cc with Enclosures 1 and 3:

Mr. Thomas Miller, DOE U.S. Department of Energy 1000 Independence Ave., S.W. Washington, D.C. 20585

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Mr. Lee Linticum County Administrator Louisa County P.O. Box 160 Louisa, VA 23093

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Mr. Kenneth Hughey Entergy Nuclear 1340 Echelon Parkway Jackson, MS 39213

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Delegate Robert D. Orrock, Sr. P.O. Box 458 Thornburg, VA 22565

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Mr. Robert P. Gruber, Executive Director Public Staff - North Carolina Utilities Commission 4326 Mail Service Center Raleigh, NC 27699-4326

Mr. Edward S. Finley, Jr. Chairman North Carolina Utilities Commission 4325 Mail Service Center Raleigh, NC 27699-4325

NA3-07-001 North Anna 3 COL Application Enclosure 1

## **Enclosure 1**

One DVD labeled "North Anna 3 Combined License Application November 2007; Submission 1 NRC ADAMS Edition"

NA3-07-001 North Anna 3 COL Application Enclosure 2

# Enclosure 2

One DVD labeled "North Anna 3 Combined License Application November 2007; Submission 1 Convenience Copy (Withhold from Public Disclosure Under 10 CFR 2.390)"

NA3-07-001 North Anna 3 COL Application Enclosure 3

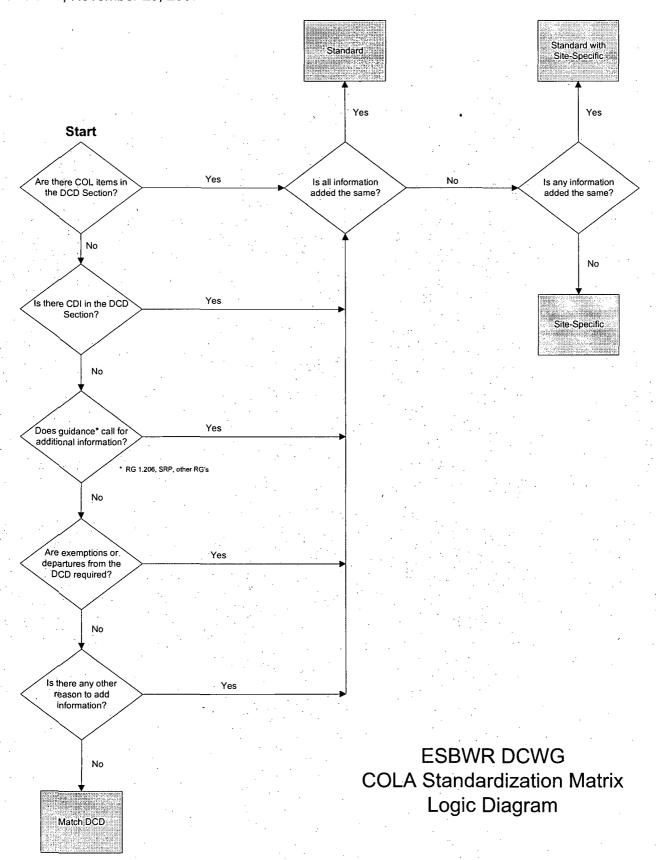
# **Enclosure 3**

**ESBWR DCWG Standardization Matrix** 

	ESBW	R FSAR Standardization Assessment
Number of FSAR Sections	Percent of FSAR Sections	Section Type
100	52	Match DCD
46	24	Standard (identical)
9	5	Standard with a limited amount of site-specific information
9	5	Standard with a moderate amount of site-specific information
27	14	Site-specific
191	100%	Total

- <u>Match DCD</u>. These sections are identical to the corresponding section in ESBWR DCD Revision 4 with no additional text, tables, or figures needed in the COLA.
- Standard sections are identical in the R-COLA and S-COLAs.
- <u>Standard with site-specific</u>. These sections are identical in the R-COLA and S-COLAs to the extent possible but also contain some site- and/or applicant-specific information. For the site/applicant-specific information, consistent wording and level-of-detail are used.
  - (1) Standard section that contains a limited amount of site/applicant-specific information.
  - (2) Standard section that contains a moderate amount of site/applicant-specific information.
- <u>Site-specific</u> sections are not standard and contain site/applicant-specific information.

A simple logic diagram, depicting how the FSAR sections were evaluated and assigned to the categories defined above, is shown on the following page.



	ESBWR	R Standardization M	latrix <sup>1</sup>					
		Lead		Standardization Assessment				
Part Chapter Section	Title	Organization Preparing Section	Match DCD	Standard	Standard With Site- Specific	Site- Specific		
Part 1	General and Administrative Information							
_	General Information	Dominion NuStart Entergy		٠		X		
<del>-</del>	Financial Information	Dominion NuStart Entergy				Х		
	Other Information	Dominion NuStart Entergy				Х		
				,				
Part 2	Final Safety Analysis Report							
FSAR Chapter 1	Introduction and General Description							
1.1	Introduction	Dominion NuStart Entergy			X (2)			
1.2	General Plant Description	GE		·	X(1)			
1.3	Comparison Tables	GE			X(1)			
1.4	Identification of Agents and Contractors	Dominion NuStart Entergy				X		
1.5	Requirements for Further Technical Information	GE	Х					
1.6	Material Incorporated by Reference	GE				Х		
1.7	Drawings and Other Detailed Information	GE			X (1)			
1.8	Interfaces for Standard Design	GE			X(2)			
1.9	Conformance with SRP and Codes & Standards	Dominion NuStart Entergy			X(2)			
1.10	Summary of COL Items	GE			1.1	Х		
1.11	Technical Resolutions of Task Action Plan Items, New Generic Issues, New Generic Safety Issues and Chernobyl Issues	GE			X(2)			
1.12	Construction Impacts on Existing Units	Dominion NuStart Entergy				х		
1A	Response to TMI Related Matters	GE		Х				

	ESDAN	Standardization N	T	<u> </u>			
		Lead	Standardization Assessment				
Part Chapter Section	Title	Organization Preparing Section	Match DCD	Standard	Standard With Site- Specific	Site- Specific	
1B	Plant Shielding to Provide Access to Vital Areas and Protective Safety Equipment for Post-Accident Operation	GE	Х				
1C	Industry Operating Experience	GE		Х	<u> </u>		
			1		<u> </u>		
FSAR Chapter 2	Site Characteristics		,				
2.0	Site Characteristics	Dominion NuStart Entergy				Х	
2.1	Geography and Demography	Dominion NuStart Entergy				Х	
2.2	Nearby Industrial, Transportation, and Military Facilities	Dominion NuStart Entergy				X	
2.3	Meteorology	Dominion				×	
		NuStart Entergy					
2.4	Hydrology	Dominion NuStart Entergy				Х	
2.5	Geology, Seismology, and Geotechnical Engineering	Dominion NuStart Entergy				Х	
FSAR Chapter 3	Design of Structures, Components, Equipment, Systems						
3.1	Conformance with NRC General Design Criteria	GE	Х				
3.2	Classification of Structures, Systems, and Components	GE		Х			
3.3	Wind and Tornado Loadings	GE	Х				
3.4	Water Level (Flood) Design	GE	X				
3.5	Missile Protection	GE		Х			
3.6	Protection Against Dynamic Effects	GE		Х			
3.7	Seismic Design	GE				Х	
3.8	Seismic Category I Structures	GE	Х				
3.9	Mechanical Systems and Components	GE	:		X(1)		
3.10	Seismic and Dynamic Qualification	GE		Х			
3.11	Environmental Qualification	GE		X			
3.12	Piping Design Review	GE		X ·			

**ESBWR Standardization Matrix**<sup>1</sup> Standardization Assessment Lead Part Organization Standard Chapter Preparing Match With Site-Site-Section Title Section DCD Standard **Specific** Specific GE · X 3.13 Threaded Fasteners - ASME Code Class 1, 2, and 3 Seismic Soil Structure Interaction 3A GE X **Analysis** 3B Χ Containment Hydrodynamic Load GE **Definitions** 3C Computer Programs Used in the GE X Design and Analysis of Seismic Category I Structures 3D Computer Programs Used in the GE X Design of Components, Equipment and Structures Х 3E Design Details and Evaluation GE Results of Seismic Category I Structures Response of Structures to Χ 3F GE Containment Loads **Design Details and Evaluation** GE X 3G Results of Seismic Category I Structures 3H **Equipment Qualification Design** GE. Χ **Environmental Conditions** 31 Designated NEDE-24326-1-P GE Χ Material Which May Not Change Without Prior NRC Approval 3J Evaluation of Postulated Ruptures in GE X **High Energy Pipes** 3K Resolution of Intersystem Loss of GE X Coolant Accident 3L Χ Reactor Internals Flow Induced GE Vibration Program **FSAR** Reactor Chapter 4 4.1 **Summary Description** GE Χ 4.2 Fuel System Design GE X 4.3 GE X **Nuclear Design** 4.4 Thermal and Hydraulic Design GE Χ 4.5 Reactor Materials GE X Χ 4.6 Functional Design of Reactivity GE Control System Χ 4A Typical Control Rod Patterns and GE Associated Power Distribution for **ESBWR** 

	ESBAAK	Standardization M	Matrix'					
		Lead		Standardization Assessment				
Part Chapter Section	Title	Organization Preparing Section	Match DCD	Standard	Standard With Site- Specific	Site- Specific		
4B	Fuel Licensing Acceptance Criteria	GE	Х					
4C	Control Rod License Acceptance Criteria	GE	Х					
4D	Stability Evaluation	GE	Х	,				
FSAR Chapter 5	Reactor Coolant System and Connected Systems							
5.1	Summary Description	GE	Х					
5.2	Integrity of Reactor Coolant Pressure Boundary	GE		Х				
5.3	Reactor Vessels	GE		X				
5.4	Component and Subsystem Design	GE		Х				
FSAR Chapter 6	Engineered Safety Features							
6.0	General		Х					
6.1	Engineered Safety Feature Materials	GE		X				
6.2	Containment Systems	GE		Х				
6.3	Emergency Core Cooling Systems	GE	Х					
6.4	Control Room Habitability Systems	GE			X(2)			
6.5	Atmosphere Cleanup Systems	GE	X					
6.6	ISI of Class 2 and 3 Components	GE		X				
6A 	TRACG Application for Containment Analysis	GE	X					
6B	Evaluation of the Tragg Nodalization For The ESBWR Licensing Analysis	GE	X					
6C	Evaluation of the Impact of Containment Back Pressure On the ECCS Performance	GE	X					
FSAR Chapter 7	Instrumentation and Controls							
7.1	Introduction	GE	Х					
7.2	Reactor Trip System	GE	Х					
7.3	Engineered Safety Features Systems	GE	X			. ′		
7.4	Safety-Related and Non-Safety Related Shutdown Systems	GE	Х					
7.5	Safety-Related and Non-Safety Related Information Systems	GE	Х					
7.6	Interlock Systems	GE	X					

			Standardization Assessment				
Part Chapter Section	Title	Lead Organization Preparing Section	Match DCD	Standard	Standard With Site- Specific	Site- Specific	
7.7	Control Systems	GE .	Х				
7.8	Diverse Instrumentation and Control Systems	GE	Х	: :			
7A	Automated Fixed In-Core Probe Subsystem for the Neutron Monitoring System	GE	X			·	
7B	Software Quality Program for Hardware/Software Design and Development	GE	Х				
					•		
FSAR Chapter 8	Electric Power	,					
8.1	Introduction	GE	· .			Χ .	
8.2	Offsite Power System	Dominion NuStart Entergy				Х	
8.3	Onsite Power Systems	GE				Х	
8A	Miscellaneous Electrical Systems	Dominion NuStart Entergy				Х	
		Entergy					
FSAR Chapter 9	Auxiliary Systems					,	
9.1	Fuel Storage and Handling	GE	٠	Х			
9.2.1	Plant Service Water System	Dominion NuStart Entergy				Х	
9.2.2	Reactor Component Cooling Water System	GE	Х				
9.2.3	Makeup Water System	Dominion NuStart Entergy				X	
9.2.4	Potable and Sanitary Water Systems	Dominion NuStart Entergy				Х	
9.2.5	Ultimate Heat Sink	GE		X			
9.2.6	Condensate Storage and Transfer System	GE		Х			
9:2.7	Chilled Water System	GE	Х				
9.2.8	Turbine Component Cooling Water System	GE	Х				
9.2.9	Hot Water System	GE	Х	147			
9.2.10	Station Water Systems	Dominion NuStart				Х	

		Lead	Standardization Assessment				
Part Chapter Section	Title	Organization Preparing Section	Match DCD	Standard	Standard With Site- Specific	Site- Specific	
		Entergy					
9.3.1	Compressed Air Systems	GE	Х				
9.3.2	Process Sampling System	GE		Х			
9.3.3	Equipment and Floor Drain System	GE	Х				
9.3.4	Chemical and Volume Control System	GE	X				
9.3.5	Standby Liquid Control System	GE		Х	•	-	
9.3.6	Instrument Air System	GE	Х				
9.3.7	Service Air System	GE	Х	, "			
9.3.8	High Pressure Nitrogen Supply System	GE	Х				
9.3.9	Hydrogen Water Chemistry System	GE	-	*	X(1)		
9.3.10	Oxygen Injection System	GE				Х	
9.3.11	Zinc Injection System	GE		Х			
9.3.12	Auxiliary Boiler System	GE	Х				
9.4.1	Control Room Area Ventilation System	GE	Х				
9.4.2	Fuel Building HVAC System (FBHVS)	GE	х				
9.4.3	Radwaste Building Heating, Ventilation and Air Conditioning System	GE	Х				
9.4.4	Turbine Building HVAC System	GE	Х		,		
9.4.5	Engineered Safety Feature Ventilation System	GE	Х				
9.4.6	Reactor Building HVAC System	GE	· X				
9.4.7	Electrical Building HVAC System	GE	Х			· ·	
9.4.8	Drywell Cooling System	GE	. X				
9.4.9	Containment Inerting System	GE	Х	·	,		
9.4.10	HVAC Component Information	GE	Χ.		•		
9.5.1	Fire Protection System	GE			X (2)		
9.5.2	Communications Systems	GE				Х	
9.5.3	Lighting System	GE	Х				
9.5.4	Diesel Generator Fuel Oil Storage and Transfer System	GE			X (1)		
9.5.5	Diesel Generator Jacket Cooling Water System	GE	X				
9.5.6	Diesel Generator Starting Air System	GE	X .				
9.5.7	Diesel Generator Lubrication System	GE	Х				
9.5.8	Diesel Generator Combustion Air	GE	· X				

	ESBVV	R Standardization M				
~		Lead	Standardization Assessment			
Part Chapter Section	Title	Organization Preparing Section	Match DCD	Standard	Standard With Site- Specific	Site- Specific
	Intake and Exhaust System	٠,				
9A	Fire Hazards Analysis	GE			X (2)	
9B	Summary of Analysis Supporting Fire Protection Design Requirements	GE	X			
FSAR Chapter 10	Steam and Power Conversion Systems					
10.1	Summary Description	GE	Х		-	
10.2	Turbine Generator	GE		Х		
10.3	Turbine Main Steam System	GE	Х			
10.4	Other Features of Steam and Power Conversion System	GE			X (2)	
FSAR Chapter 11	Radioactive Waste Management					
11.1	Source Terms	GE	х			
11.2	Liquid Waste Management System	GE		x		
11.3	Gaseous Waste Management System	GE				х
11.4	Solid Waste Management System	GE	,	Х		
11.5	Process Radiation Monitoring System	GE		Х		
					7	
FSAR Chapter 12	Radiation Protection					
12.1	Ensuring That Occupational Radiation Exposures Are ALARA	Dominion		Х		
12.2	Plant Sources	GE			X (2)	
12.3	Radiation Protection	GE		Х		
12.4	Dose Assessment	GE			·	Х
12.5	Operational Radiation Protection Program	Dominion		X		
12.6	Minimization of Contamination and Radwaste Generation	GE		Х		
12A	Calculation of Airborne Radionuclides	GE	Х	-		
		• .				
FSAR Chapter 13	Conduct of Operations					

	ESBWR	Standardization M	atrix <sup>1</sup>			·	
		Lead	,	Standardization Assessment			
Part Chapter Section	Title	Organization Preparing Section	Match DCD	Standard	Standard With Site- Specific	Site- Specific	
13.1	Organizational Structure of Applicant	NuStart				Х	
13.2	Training	Dominion		Χ.			
13.3	Emergency Planning	Dominion		Х			
13.4	Operational Program Implementation	NuStart		X			
13.5	Plant Procedures	NuStart		Х			
13.6	Physical Security	Dominion			X(1)		
13.7	Fitness for Duty	NuStart		X .			
•							
FSAR Chapter 14	Initial Test Program					·	
14.1	Initial Test Program For Preliminary Safety Analysis Reports	GE	X				
14.2	Initial Plant Test Program For Final Safety Analysis Reports	GE			X(1)		
14.3	Selection Of Tier 1 Criteria and Processes	GE		Х	-		
				* ,			
FSAR Chapter 15	Safety Analyses						
15.0	Analytical Approach	GE	х				
15.1	Nuclear Safety Operational Analysis	GE	х				
15.2	Analysis of Anticipated Operational Occurrences	GE	Χ.,				
15.3	Analysis of Infrequent Events	GE		X ,	-,		
15.4	Analysis of Accidents	GE.	X				
15.5	Special Event Evaluations	GE	X	1			
15A	Event Probability Analyses	GE	2. X				
15B	LOCA Inventory Curves	GE	Х				
FSAR Chapter 16	Technical Specifications	GE		X			
10							
FSAR Chapter 17	Quality Assurance						
17.0	Introduction	Dominion		X	· .		
17.1	Quality Assurance During Design and Construction	Dominion NuStart				Х	

			Standardization Assessment				
Part Chapter Section	Title	Lead Organization Preparing Section	Match DCD	Standard	Standard With Site- Specific	Site- Specific	
		Entergy					
17.2	Quality Assurance During the Operations Phase	Dominion NuStart Entergy		<b>X</b>			
17.3	Quality Assurance Program Document	Dominion NuStart Entergy	٠	X			
17.4	Reliability Assurance Program During Design Phase	NuStart		X			
17.5	Quality Assurance Program Description	Dominion NuStart Entergy			X (1)		
17.6	Maintenance Rule Program	NuStart		Х		* **	
FSAR Chapter 18	Human Factors Engineering						
18.1	Overview	GE	X				
18.2	HFE Program Management	GE	. X	. ,			
18.3	Operating Experience Review	GE	X			· .	
18.4	Functional Requirements Analyses and Function Allocation	GE	Х				
18.5	Task Analysis	GE	X ·				
18.6	Staffing and Qualifications	GE	X				
18.7	Human Reliability Analysis	GE	X			<u> </u>	
18.8	Human-System Interface Design	GE	Х	`			
18.9	Procedure Development	GE	X			·	
18.10	Training Program Development	GE	X				
18.11	Human Factors V&V	GE	X				
18.12	Design Implementation	GE	X ·				
18.13	Human Performance Monitoring	GE	X			:	
18.14	Inventory of Controls and Instrumentation	GE	х				
				`			
FSAR Chapter 19	Probabilistic Risk Assessment and Severe Accidents						
19.1	Introduction	GE	Х				
19.2	PRA Results and Insights	GE		X			
19.3	Severe Accident Evaluations	GE	X .				
19.4	PRA Maintenance	GE	X.	1 .			
19.5	COL Information	GE				Х	

	I		Matrix <sup>1</sup>				
		Lead		Standardization Assessment			
Part Chapter Section	Title	Organization Preparing Section	Match DCD	Standard	Standard With Site- Specific	Site- Specific	
19A	Regulatory Treatment of Non Safety Systems (RTNSS)	GE	Х				
19B	Deterministic Analysis for Containment Pressure Capability	GE	Х				
19C	Probabilistic Analysis for Containment Pressure Fragility	GE	Х				
Part 3	Environmental Report					· ·	
rait 5	Environmental Report						
ER Chapter 1	Introduction	Dominion NuStart Entergy				Х	
ER Chapter 2	Environmental Description	Dominion NuStart Entergy				Х	
ER Chapter 3	Plant Description	Dominion NuStart Entergy				X	
				:			
ER Chapter 4	Environmental Impacts of Construction (North Anna) Environmental Effects of Construction (Grand Gulf, River Bend)	Dominion NuStart Entergy				Х	
ER Chapter 5	Environmental Impacts of Station Operation (North Anna) Environmental Effects of Station Operations (Grand Gulf, River Bend)	Dominion NuStart Entergy				X	
			<u> </u>		·		
ER Chapter 6	Environmental Measurements and Monitoring Programs	Dominion NuStart Entergy				<b>X</b>	
ER Chapter 7	Environmental Impacts of Postulated Accidents Involving Radioactive Materials	Dominion NuStart Entergy				Х	
				·			
ER Chapter 8	Need for Power	Dominion NuStart Entergy				X	

ESBWR Design-Centered Working Group Revision 8, November 26, 2007

ER Chapter 9  ER E P P	Alternatives to the Proposed Action  Environmental Consequences of the Proposed Action  Fechnical Specifications	Lead Organization Preparing Section  Dominion NuStart Entergy  Dominion NuStart Entergy	Match DCD	Standardizat Standard	Standard With Site- Specific	Site- Specific X
Chapter Section To ER A Chapter 9 ER Chapter 10	Alternatives to the Proposed Action  Environmental Consequences of the Proposed Action	Organization Preparing Section  Dominion NuStart Entergy  Dominion NuStart Entergy		Standard	With Site-	Specific X
ER E Chapter 10	Environmental Consequences of the Proposed Action	NuStart Entergy Dominion NuStart Entergy				
Chapter P	Proposed Action	NuStart Entergy			<del></del>	×
Part 4 T	Technical Specifications	GF	1			
Part 4	ecnnical Specifications	( <del>- )-</del>			V (4)	
					X (1)	-
Part 5 E	Emergency Plan	Dominion NuStart Entergy			·	X
	-WA/Site Redress Plan (Not used or North Anna)	Dominion NuStart Entergy	N/A	N/A	N/A	N/A
Part 7 G	Generic DCD Departures Report	Dominion NuStart Entergy				X
Part 8 S	Safeguards/Security Plans		<u> </u>		•	
	Physical Security Plan	Dominion NuStart Entergy			X (1)	
T	Fraining and Qualification Plan	Dominion NuStart Entergy			X (1)	
S	Safeguards Contingency Plan	Dominion NuStart Entergy			X (2)	
N	Plant-Specific PRA (Not used for North Anna; may contain withheld nformation for Grand Gulf)	Dominion NuStart Entergy				Х
Part 10   17	TAAC	GE	<u> </u>		X (1)	